

Title (en)

Improvement of pacemakers to allow safe and quick replacement without interrupting the electric stimulation of the heart

Title (de)

Herzschrittmacher dessen Austausch schnell und sicher ohne Reizungsunterbrechung durchgeführt werden kann

Title (fr)

Stimulateur cardiaque dont le remplacement peut être effectué rapidement et sûrement sans interruption de la stimulation

Publication

EP 0603137 B1 20001220 (EN)

Application

EP 93830190 A 19930503

Priority

IT RM920891 A 19921211

Abstract (en)

[origin: EP0603137A2] Improvement in pacemakers for a quick and safe replacement thereof without interrupting the electric stimulation of the patient's heart from the outside, wherein the contact pin of the electrode-catheter inserted in the pacemaker is accessible from the outside, and related tool to be utilized therewith by which tool the contact pin can be pushed out of the pacemaker; the tool is provided with contact means to the electrode catheter which means make it possible the uninterrupted electric stimulation of the heart during the whole replacement operation of the pacemaker. <IMAGE>

IPC 1-7

A61N 1/372

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP3375483A4; GR1004938B; DE29907785U1; US8301240B2; WO2004084992A1; WO2006008561A1; WO9848896A1

Designated contracting state (EPC)

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EP 93830190 A 19930503; AU 4443993 A 19930805; DE 69329771 T 19930503; IT RM920891 A 19921211; US 16166593 A 19931203